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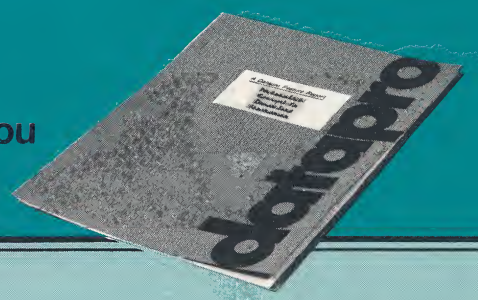
56 objective reports on the latest EDP/information processing products and methods

Comparisons and ratings of many new models to help you make the best planning and buying decisions in 1978



NEW for 1978!

Here's Datapro's newest selection of popular "All About" reports — updated and expanded to bring you the latest information about 56 categories of EDP, word processing, office, and data communications products.

They contain product comparison charts, prices, specs, and characteristics of thousands of currently available information processing products. Many of the reports include valuable users' ratings to add an important dimension to the information. These reports are especially designed to help you make the best possible planning and buying decisions.

Datapro feature reports are timely — compact yet comprehensive — and completely objective. They make an ideal quick reference tool for busy, growth-oriented professionals like yourself.

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Cordially,

J. Burt Totaro
Vice President

- ☐ **Determine product performance, without buying, via published users' ratings**
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- ☐ **Outpace competition by increasing awareness of industry trends**
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unbiased reports on the latest information processing products and methods.

specifications, prices, characteristics, user ratings, comparisons, selection guidelines, and more.

minicomputers

Whether your interest is in distributed processing, or microprocessors, minis and small business computers per se, you'll find plenty of money-saving information about this fast-changing industry segment in these comprehensive reports.

☐ All About 249 Small Business Computers

This comprehensive 64-page report is designed to help you select and apply low-cost business data processing systems. The characteristics and prices of 249 current systems from over 89 vendors are reported in detailed comparison charts. Selected from *Datapro 70.* Includes user ratings. $12.

☐ All About 203 Minicomputers

This comprehensive report is designed to aid you in understanding the rapidly proliferating minicomputers and selecting the one that can best satisfy your requirements. You'll find detailed comparison charts covering the characteristics of 203 current minicomputers from 61 manufacturers. Selected from *Datapro 70.* Includes user ratings. $12.

☐ All About 144 Microcomputers

This 36-page report features detailed comparison charts that describe characteristics and pricing of current microcomputers from 57 vendors, plus new information on development systems and kits. Selected from *Datapro Reports on Minicomputers.* $12.

☐ All About 66 Microprocessors

This completely revised, 20-page report details characteristics of 66 current microprocessors from 25 manufacturers. You'll also find straightforward guidelines to help you understand and apply these compact, low-cost CPU's. Selected from *Datapro Reports on Minicomputers.* $12.

☐ All About 188 Minicomputer Disk Storage Units

This 46-page report provides minicomputer users and suppliers with a comprehensive survey of 188 disk storage units. The comparison charts describe the current product lines of 37 suppliers, and the accompanying text offers the reader an enlightening guide for evaluating disk and drum storage performance. Selected from *Datapro Reports of Minicomputers.* $12.

☐ All About 90 Minicomputer Floppy Disk Storage Units

Floppy disk drives have emerged as a distinct type of peripheral device, with an identity and set of performance parameters entirely different from those of cartridge or pack drives. This 23-page report examines the floppy disk and puts its performance into perspective. 90 products from 31 vendors are detailed in accompanying comparison charts. Selected from *Datapro Reports on Minicomputers.* $12.

data communications

These latest evaluations of data communications equipment can help you avoid costly mistakes in planning, installing or updating a system. These 10 valuable reports provide the facts you need to make cost-effective planning and buying decisions.

☐ All About 135 Batch/RJE Terminals

The path to high-volume transmission and reception of data at locations remote from your computer center is a confusing one. This 40-page comprehensive report provides detailed specifications of 135 remote batch terminals from 49 vendors, presents the results of an extensive user survey covering nearly 2,000 installed terminals, and offers practical guidelines for selecting a batch terminal that will meet your specific needs. Selected from *Datapro 70.* Includes user ratings. $12.

☐ All About Data Communications Facilities

This unique 29-page report summarizes the communications facilities and rate structures for interstate data transmission over the public telephone network, private lines, TWX/Telex, satellite channels, and packet switching networks. You'll also find the results of a survey or user experience with about 10,000 communications links, plus guidance in selecting the facilities that will most effectively satisfy your needs. Selected from *Datapro 70.* Includes user ratings. $12.

☐ All About 220 Alphanumeric Display Terminals

This comprehensive 61-page report provides detailed specifications of 220 alphanumeric display terminals from 79 vendors, presents the results of an extensive user survey covering more than 18,000 installed terminals, and offers practical guidelines for selecting a display terminal that will meet your specific needs. Selected from *Datapro 70.* Includes user ratings. $12.

☐ All About 152 Teleprinter Terminals

This 43-page report provides detailed specifications of 152 teleprinter-style communications terminals from 57 vendors, presents the results of an extensive user survey covering more than 7,000 installed terminals, and provides guidance in selecting the most suitable terminals for your needs. Selected from *Datapro 70.* Includes user ratings. $12.

☐ All About 100 Time-Sharing and Remote Computing Services

This comprehensive 41-page report explains both interactive time-sharing and remote batch processing, discusses their advantages and drawbacks, summarizes the services offered by 100 remote

word processing

Activity in the word processing area continues at a frantic pace, with new product announcements appearing at a rate of one per month. In these reports, you'll find specifications, features, costs, advantages and limitations of hundreds of alternative word processing products. Presented in concise text and extensive comparison charts.

☐ All About 100 Word Processors

This comprehensive 79-page survey summarizes the characteristics of over 100 models of automatic typing and text editing systems from 50 vendors. Detailed comparison charts describe each model's basic configuration, pricing, storage medium and capacity, editing features, printer characteristics and much more. Selected from *Datapro Reports on Office Systems.* Special Price: $15.

☐ Word Processing: Selected Magnetic Keyboards

Here's an in-depth examination of three contenders in this popular WP area: IBM Mag Card Typewriters, CPT Cassetype 4200 Series, and Xerox 800 Electronic Typing Systems. 22 pages. Selected from *Datapro Reports on Office Systems.* $12.

☐ Word Processing: Selected Display Keyboards

Added flexibility is inherent in these four video-based product lines. Detailed analyses of: Lanier Text Editors LTE-1 and LTE-2, Vydec 1146, 1200 and 1400 Word Processing Systems, IBM Office System 6 Information Processors, and Lexitron Videotype Text Processor Series. 31 pages. Selected from *Datapro Reports on Office Systems.* $12.

☐ Word Processing: Selected Shared Logic Systems

Large WP users will find a great deal of power and sophistication in these three minicomputer-based systems. Analyzed in depth are: Wordplex/1 and Wordplex/7, Daconics Visual Type 5400, and Wang Laboratories Word Processor. 21 pages. Selected from *Datapro Reports on Office Systems.* $12.

☐ All About 133 Dictation Equipment & Systems

The applications and use of dictation equipment in today's WP environment are discussed in this over 51-page Datapro report, and the features of 133 central, desktop and portable dictation units are tabulated. Selected from *Datapro Reports on Office Systems.* $12.

☐ All About 38 Office Electric Typewriters

EDP management & general-purpose data processing

These important reports will keep you up to date, and help you select best suited EDP equipment, methods, media, and supplies. You'll find hundreds of users' ratings and in-depth product and vendor analyses.

☐ Management Concepts in Distributed Processing

Distributed processing, networking, source data automation—however you may know it—is changing the way the data processing function is being performed, and how data processing and corporate management must plan to meet future information needs. This report will help answer questions about how to integrate the shared processor concept into your data processing network, and will provide the necessary insights and overviews to prepare for the changes implied by the distributed concept. Selected from *Datapro EDP Solutions.* $12.

☐ How to Select and Install a Small Business Computer

The process of acquiring and implementing an effective business minicomputer does not have to be quite as mysterious as you've been led to believe. This 14-page report is designed to help facilitate the process by providing straightforward advice on justifying, selecting, manning, installing, and converting to a business minicomputer of your own. Selected from *Datapro EDP Solutions.* $12.

☐ How To Negotiate Computer Contracts

Unlike most EDP users, computer vendors negotiate contracts for a living, and vendor-prepared contracts are not pro-user documents. All too often they tend to obscure, disclaim, or limit what the vendor has led you to expect. This report will help you as a user bring skill and equality to the negotiating table, and will help prevent mistakes, misunderstandings, and lost time and money. Selected from *Datapro EDP Solutions.* $12.

☐ Directory of 890 Suppliers

This 182-page directory contains informative profiles of 890 companies that offer EDP products and services of all types, plus guidelines for interpreting the information and selecting qualified suppliers. You'll find entries describing each company's location, size, executives, financial status, ownership, sales and service organization, and product line. Selected from *Datapro 70.* Special price: $15.

☐ User Ratings of General-Purpose Computer Systems

This eight-page report conveys the results of Datapro's 1977 survey of general-purpose computer

☐ **All About 172 Minicomputer Add-on Memories**

Whether the memory product "adds on" via a cable-connected box or "adds in" by inserting circuit cards in your minicomputer chassis, independent memory vendors can help you expand your system at reasonable cost—if you have one of the more popular minicomputers. This 40-page report surveys 172 memory products from 24 vendors. Selected from *Datapro Reports on Minicomputers.* $12.

☐ **All About 309 Minicomputer Printers**

Until everyone can walk around with a vest-pocket display link to a computer data base, the printer remains the primary means for retaining information retrieved or generated by the computer. This 70-page survey looks at the products of 96 vendors in the form of comparison charts that detail the characteristics of 309 printers or printer families. Selected from *Datapro Reports on Minicomputers.* $12.

software

In these reports, Datapro can help you determine the performance of proprietary software packages without buying, via published ratings from the largest user survey ever conducted. Make these four popular reports your fingertip guide to software selection.

☐ **User Ratings of Proprietary Software**

This 18-page report contains the results of Datapro's fifth annual survey of proprietary software users, conducted in cooperation with *Datamation.* You'll find extensive tables showing how thousands of users rated nearly 200 individual packages, plus financial insights and the 1977 Software Honor Roll. Selected from *Datapro 70.* Includes user ratings.$12.

☐ **A Buyer's Guide to Data Base Management Systems**

This 36-page report presents useful guidelines to aid you in preparing, evaluating and selecting a data base management system. It compares the key characteristics of major systems and provides an in-depth evaluation of these systems: ADABAS, IDMS, IMS, SYSTEM 2000, TOTAL, and DATACOM/DB. Selected from *Datapro 70.* $12.

☐ **Software—Make or Buy?**

The respective merits of building your applications software in-house, or of going to an outside vendor, have in the past few economically difficult years become more pressing than ever before. Making the wrong decision in this area can cost you tens of thousands of dollars. This eight-page report gives you guidelines to help you to decide whether to make or buy your next software package or system, and how to deal with vendors on a knowledgeable basis. Selected from *Datapro EDP Solutions.* $12.

☐ **Computer Performance Evaluation Tools: How to Select What's Right For You**

This 10-page report describes what computer performance evaluation is, how it can help corporate and data processing management get more computer systems performance per dollar, and what hardware and software tools are available to facilitate computer resource management. Contains descriptions of the basic types of computer performance evaluation tools, including job accounting systems, hardware monitors, software monitors and others. Selected from *Datapro EDP Solutions.* $12.

computing companies, tells how users rate the leading companies, and provides guidelines for selecting a suitable supplier and getting started. Selected from *Datapro 70.* Includes user ratings.$12.

☐ **All About 300 Modems**

Data communications users can select from an overwhelming variety of modems offered by dozens of independent vendors and by the telephone companies. This in-depth, 48-page report summarizes the characteristics of more than 300 current modems from 43 suppliers, provides useful selection guidance, and includes a unique survey of users' experience with over 16,500 modems. Selected from *Datapro 70.* Includes user ratings. $12.

☐ **All About 71 Data Communications Multiplexers**

This 27-page report explains the techniques and applications of multiplexing, summarizes the characteristics of 71 current units from vendors, analyzes the experience of multiplexer users, and provides useful selection guidance. Selected from *Datapro 70.* Includes user ratings. $12.

☐ **A Buyer's Guide to Data Communications Monitors**

This 30-page report contains straightforward guidelines to aid you in evaluating and selecting a data communications monitor, compares the key characteristics of leading systems and provides an in-depth evaluation of these systems: CICS (all five versions), ENVIRON/1, Minicomm, TASK/MASTER, Teleprocessing Interface System (WESTI), and DATACOM/DC. Selected from *Datapro 70.* $12.

☐ **All About 90 Communications Processors**

This 32-page report analyzes the benefits and drawbacks of the programmed communications processor concept in general; it also describes the front-end environment in detail, reports the experience of 260 users, and in detailed comparison charts summarizes the capabilities of 90 communications processors. Selected from *Datapro 70.* Includes user ratings. $12.

☐ **How to Analyze Your Data Communications Needs**

This nine-page report explains what data communications can do and how you can put it to work in your organization. You'll find straightforward procedures for determining your communications needs and implementing an effective system to satisfy them. Selected from *Datapro 70.* $12.

The figures in these reports will vary to reflect the latest updates.

Although automatic typewriters and text editors are making inroads into the office environment, electric typewriters are still the backbone of any office operation. New entries in the single element, Selectric-type segment of the $500-million-per-year market make it a good time to review your present typing equipment needs. Thirty-eight models from 11 manufacturers are examined and compared. Selected from *Datapro Reports on Office Systems.* $12.

office copiers

Copier usage continues to spiral and with it, copying costs. These unbiased reports will give you the facts and background to identify and select the most cost-effective equipment for your needs.

☐ **All About 150 Copiers**

Here's a condensed one-for-one look at over 150 office copier models offered by 37 vendors that make up today's proliferating office copier market. In 68 pages you'll find concise text and extensive comparison charts to explain what's available today, and how it performs. Selected from *Datapro Reports on Office Systems.* Includes user ratings. $12.

☐ **Selected Office Copiers: Low Volume**

Detailed analyses of five major copiers intended for users needing 5,000 to 20,000 copies per month. All priced under $5000. Included are: Canon NP-50, Sharp SF-720, 3M Secretary II, Toshiba BD-601, and Royal RBC-III. 16 pages. Selected from *Datapro Reports on Office Systems.* $12.

☐ **Selected Office Copiers: Intermediate Volume**

Detailed analyses of four major copiers selling under $25,000. Suited for users needing 20,000 to 40,000 copies per month. Included are: IBM Copier II, Savin 770/780, Xerox 3100, and Canon NP-5000. 20 pages. Selected from *Datapro Reports on Office Systems.* $12.

☐ **Selected Office Copiers: High Volume**

Detailed analyses of three major copiers for those needing 40,000 to 60,000 copies per month. Prices start at about $25,000. Included are: Eastman Kodak Ektaprint 100 and 150 Copier-Duplicator, IBM Series III Copier-Duplicator, and Xerox 9200/9400 Duplicators. 32 pages. Selected from *Datapro Reports on Office Systems.* $12.

users. Extensive tables summarize the experience of over 2200 computer system users. The users' ratings pinpoint the strengths and weaknesses of each mainframe manufacturer's equipment, software, and support. Selected from *Datapro 70.* Includes user ratings. $12.

☐ **IBM System/370**

This 80-page report describes and analyzes all of the System/370 equipment and software, including such recent developments as the model 3031, 3032 and 3033 processors, and summarizes the results of a survey of 767 System/370 users. Selected from *Datapro 70.* Includes user ratings. $12.

☐ **All About EDP Media and Supplies**

This 25-page report covers a wide range of products such as disk packs, magnetic tape, punched cards, computer forms, etc. A total of 116 vendors and their product lines are detailed. Also included are tabulations of the responses, from 1870 users who rated disk packs, diskettes, magnetic tape, punched cards, printer forms, and printer ribbons. Selected from *Datapro 70.* Includes user ratings. $12.

☐ **All About 40 Data Collection Devices**

Data collection is the catch-all phrase for data input devices normally used in environments other than computer data preparation areas. The equipment ranges from central recording systems for reporting attendance and work-in progress information, to hand-held tape recorders for inventory taking. This 18-page report surveys the characteristics of 40 portable and stand-along devices, and data collection systems available from 23 vendors. Selected from *Datapro 70.* Includes user ratings. $12.

☐ **How to Select and Use Add-On Main Memory**

Add-on main memory from independent vendors can substantially improve the performance and cost-effectiveness of most computers. This report will help you evaluate the pros and cons of add-on memory, benefit from the experience of 189 users who reported on 174 million bytes of independent memory, and select the unit that's best for you. Selected from *Datapro 70.* Includes users ratings. $12.

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☐ All About 98 Intercom Systems

This 34-page report covers the features and characteristics of 98 intercom systems designed for office or business environments, supplied by 25 different vendors. Such dedicated systems can increase overall efficiencies by decreasing employee walks to discussion sites and lessening telephone call-back charges, as well as improving information flow within the company. Selected from *Datapro Reports on Office Systems.* $12.

☐ All About 70 Telephone Answering & Diverting Devices

This 29-page report surveys the applications and features of telephone answering and call diverting devices marketed by 20 manufacturers or suppliers. Accompanying charts list the characteristics of over 70 announce-only, announce and record, and call diverting units sold over the counter or through a dealer. Selected from *Datapro Reports on Office Systems.* $12.

☐ All About 70 Facsimile Models

The increasing demand for "instant" communications, coupled with a decline in the speed of mail service and higher voice telephone costs should have a beneficial effect on the sales of facsimile equipment. Market forecasts place such sales at the $300 million level by the end of the decade. This 27-page report compares and rates the features and characteristics of 70 models from 15 facsimile equipment suppliers. Selected from *Datapro Reports on Office Systems.* $12.

☐ All About 21 Voice Response Units

This report forms a comprehensive overview of voice response techniques and equipment, including an analysis of user experience representing over 132,000 calls per day, and characteristics and pricing on over 21 systems and components. Selected from *Datapro 70.* Includes user ratings. $12.

☐ All About Magnetic Tape and Disk Pack Maintenance Equipment

A well-planned media maintenance program can lead to significant cost savings and increased operational efficiency. This 10-page report describes the currently available equipment for cleaning, inspecting, testing, and certifying disk packs and half-inch magnetic tape. Users' ratings and detailed prices are included wherever possible. Selected from *Datapro 70.* Includes user ratings. $12.

☐ All About 51 Plug-Compatible Disk Drives

Which, if any, of the numerous IBM-compatible disk subsystems represents the best buy for your installation? Or, is there a plug-compatible drive that can be used with your Univac, Honeywell, or Xerox computer system? This 21-page report helps you find the answer with practical guidelines, specifications of 51 disk subsystems from 11 vendors, and users' ratings of more than 1400 drives. Selected from *Datapro 70.* Includes user ratings. $12.

☐ All About 52 Graphic Display Devices

Available in a wide range of capabilities, graphic display devices provide the most powerful interactive facilities of any class of man/computer device. This 19-page report presents the pertinent characteristics of 52 devices from 19 vendors and includes a survey of the experience of 41 users. Selected from *Datapro 70.* Includes user ratings. $12.

☐ All About 71 Optical Readers

This 30-page report discusses the position of optical readers in the world of data processing today and offers straightforward advice to help you determine whether this means of data entry can be used effectively in your organization. Included are tabulations of the experience of 85 optical reader users, and detailed characteristics of 71 current optical character, mark, and bar code readers from 34 manufacturers. Selected from *Datapro 70.* Includes user ratings. $12.

☐ How to Select and Use Data Entry Devices

In view of the variety of data entry devices now on the market, "data entry bottlenecks" needn't be as much of a problem as it once was. This 16-page report provides a comprehensive look at the various types of data entry devices available, and how to select and use them effectively. Selected from *Datapro 70.* Includes user ratings. $12.

☐ Telephone Bill Paying Systems

Is telephone bill-paying just a fad, or will it contribute greatly to the future of banking? This definitive report assesses the pros and cons of telephone bill-paying systems in general, and describes the characteristics of more than a dozen systems that are currently in use. Selected from *Datapro Reports on Banking Automation.* $12.

☐ All About Integrated POS Systems

This report describes major integrated point of sale systems currently available for the general retail merchandising and food industry. It provides both a general understanding of these systems and detailed information about specifications and capabilities of each product. Selected from *Datapro Reports on Retail Automation.* $12.

☐ A Buyer's Guide to Electronic Funds Transfer Terminals

This 24-page buyer's guide presents some general guidelines on what to look for when buying manned remote terminals. Also, you'll find detailed product reports describing the features and characteristics of currently available equipment. Selected from *Datapro Reports on Banking Automation.* $12.

☐ A Buyer's Guide to Electronic Cash Registers

Electronic cash registers, the most direct replacements for conventional electromechanical registers, represent all the automation that's needed in many retail organizations. This 32-page buyer's guide, which includes detailed comparison charts, will fill you in on what's available and how it meshes with your requirements. Selected from *Datapro Reports on Retail Automation.* $12.

☐ All About 56 Photocomposition Units

Once the exclusive domain of the commercial or newspaper printer, photocomposition is now entering the office environment via a number of relatively low-cost and easy-to-operate models. This 30-page report reviews 56 models of photocomposers from 16 manufacturers, ranging from smaller, keyboard-operated models to the very large, computer-controlled or tape-fed systems. Selected from *Datapro Reports on Office Systems.* $12.

☐ All About 200 Microform Readers and Terminals

This 57-page report summarizes the characteristics and features of more than 200 microform readers and reader/printers from 48 vendors, including hand-held, portable, desk, console, and automatic models. If you are considering the purchase of a microform system, or if you need to keep current about significant improvements in product design, this report is an essential aid. Selected from *Datapro Reports on Office Systems.* $12.

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